



## **The Water Connection - May 1995**

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### **Making Progress:**

#### **Water Recharge Projects are Essential to Tucson**

Recharge is a vital part of Tucson's water future. The City of Tucson Water Department is currently operating or developing four recharge projects which will recharge approximately 26,000 acre feet of CAP water and effluent annually. Eleven more projects are in the planning, permitting, or research stages. A complex combination of hydrogeology, environmental conditions, resource availability, and regulatory issues must be determined and evaluated for each project in order to ensure that it will successfully meet the needs of the community. An acre foot of water equals 325,751 gallons.

#### **City of Tucson - Planned or Proposed Recharge Projects**

<b>Name</b>	<b>Type</b>	<b>Acre ft/year</b>
Central Well Field	Injection	57,800 to 86,700
Pima Mine Road Recharge Project	Surface	10,000 to 20,000
Three Points Recharge Project	Surface	40,000
Santa Cruz Well Field	Injection	12,700 to 19,000
South Side Well Field	Injection	5,300 to 7,900
Avra Valley Well Field	Injection	17,700 to 26,600
Avra Valley Area #4	Injection	21,900 to 34,500
Avra Valley Pilot Project	Surface	15,000 to 30,000
Canada Del Oro Recharge and Recovery Demonstration Project	Surface	20,000 to 30,000

Lower Santa Cruz Flood Control and Replenishment Project	Surface	90,000
Roger Road Reclaimed Wastewater Recharge Project	Surface	23,750

### **City of Tucson - Operating and In-Progress Recharge Projects**

<b>Name</b>	<b>Type</b>	<b>Acre ft/year</b>
Sweetwater Underground Storage and Recovery Facility	Surface	6,500
Experimental Wetlands and Recharge Basin Project	Surface	300
First and Second Pilot Injection Recharge Area	Injection	20,000
Santa Cruz River Managed Underground Storage Facility	Surface	9,307

## **Be Water Smart, Tucson! Learn to Conserve**

The City of Tucson Water Department has information and programs on water conservation that will help you save water and lower your water bill. Watch for announcements in the newspaper about Water Smart Workshops and for special programs about water conservation methods on local television news programs. The Water Department's Public Information Office has booklets and brochures available on subjects from coolers to xeriscaping. Call (520) 791-4331 for water conservation information.

The hotter it is, the more water Tucsonans use. As the mercury climbs, our reservoir levels drop. The City of Tucson Water Department monitors reservoirs continually and adjusts pumping to keep water at an optimum level. High levels are especially important to maintain pressure in the water system for fire emergencies.

Source: City of Tucson, Water Department  
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